

IN THE CLAIMS

*The status of the claims as presently amended is as follows:*

1. (*Currently Amended*) An image pickup apparatus, comprising:

a focus lens;

an operating member adapted to change its operation amount by a manual focus control;

a detection device adapted to detect the operation amount of said operating member;

and

a control unit adapted to control the movement amount of said focus lens corresponding to the detected operation amount,

wherein said control unit is adapted to render a greater moving amount of said focus lens corresponding to the detected operation amount when the present state of said focus lens is in a first depth of focus than when the present state of said focus lens is in a second depth of focus, the first depth of focus being deeper than the second depth of focus to keep apparent change in blurring in response to the operation amount of said operation member even.

2. (*Currently Amended*) The image pickup apparatus as claimed in claim 1, comprising:

a recording device adapted to record a picked-up image picked up via said focus lens onto a recording medium[.]; and

a calculating device adapted to calculate the depth of focus by multiplying F number of said focus lens and diameter of a permissible circle of confusion while determining the diameter of the permissible circle of confusion based on pixel size of the image pickup apparatus.

wherein said control unit controls to set a responsiveness of the moving amount of said focus lens corresponding to the detected operation amount to a responsiveness standardized according to in accordance with the depth of focus that has been corrected based on a pixel density of the picked-up image and a pixel density of a recorded image to be recorded onto the recording medium.

3-5. (*Canceled*)

6. (*Previously Presented*) The image pickup apparatus as claimed in claim 1, wherein said detection device comprises a photoelectric conversion type sensor.

7. *(Previously Presented)* The image pickup apparatus as claimed in claim 1, wherein said detection device comprises a magnetic type sensor.

8. *(Previously Presented)* The image pickup apparatus as claimed in claim 1, wherein said operating member is a rotatable ring member which is disposed in concentricity with an optical axis of said focus lens, and is mechanically disconnected from the focus lens.

9. *(Previously Presented)* The image pickup apparatus as claimed in claim 1, wherein said focus lens comprises an inner focus type lens unit.

10. *(Currently Amended)* A control method for an image pickup apparatus including at least a focus lens, an operating member adapted to change its operation amount by a manual focus control, and a detection device adapted to detect the operation amount of the operating member, the control method comprising:

    a controlling step of controlling the movement amount of said focus lens corresponding to the detected operation amount,

    wherein said controlling step comprises the step of rendering a greater moving amount of the focus lens corresponding to the detected operation amount when the present state of the focus lens is in a first depth of focus than when the present state of the focus lens is in a second depth of focus, the first depth of focus being deeper than the second depth of focus to keep apparent change in blurring in response to the operation amount of said operation member even.

11. *(Currently Amended)* A storage medium storing a computer program for causing a computer to execute a control method for an image pickup apparatus including at least a focus lens, an operating member adapted to change its operation amount by a manual focus control, and a detection device adapted to detect the operating amount of the operating member, the control method comprising:

    controlling step of controlling the movement amount of said focus lens corresponding to the detected operation amount,

    wherein said controlling step comprises the step of rendering a greater moving amount of the focus lens corresponding to the detected operation amount when the present state of the focus lens is in a first depth of focus than when the present state of the focus lens is in a second

depth of focus, the first depth of focus being deeper than the second depth of focus to keep apparent change in blurring in response to the operation amount of said operation member even.

12. (*Previously Presented*) The image pickup apparatus as claimed in claim 1, further comprising:

a zoom lens adapted to adjust an amount of light passing therethrough by changing its position and an aperture adapted to adjust a brightness for said focus lens by changing its position,

wherein the first depth of focus and the second depth of focus are determined based on at least one of the position of said zoom lens or the position of said aperture.